## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	60442	("119").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:17
L3	26	L2 and (ball near (sensor switch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:17
L4	26	L2 and (ball near (sensor switch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 17:17
L5	10	bocquier.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:33
L6	2	("2003137431").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:35
L7	2	"2003137431"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:35
L8	66	hogan.in. adj thomas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 17:35
S1	29	(119/854).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 17:20
S2	43	(119/855).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 17:23
S3	448	(119/174).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/01 17:25
S4	48	S3 and (mate mating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/01 17:25

S5	80	S3 and (mate mating breed)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/01 17:26
<b>\$6</b>	32	("1237983"   "2487557"   "2678022"   "3076431"   "3158133"   "3205857"   "3603291"   "3824989"   "3842802"   "3942475"   "4206766"   "4239018"   "4563980"   "4635587"   "4685421"   "4696258"   "4846106"   "4895165"   "5542431"   "5566679"   "5839390"   "5881673"). PN. OR ("6467430"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/01 17:28
S7	5	(("5542431") or ("6467430")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/02 13:46
S8	448	(119/174).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/02 13:57
S9	31	S8 and (estrus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/02 13:57
S10	4	(("4503808") or ("20031374431") or ("6339999")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/02 14:00
S11	95	(119/838).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 11:42
S12	29	(119/854).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:15
S13	45	(119/855).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:15
S14	468	(119/174).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:15
S15	468	(119/174).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:15

S16	81	(S12 S13 S14 S15) and (camera video image picture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 12:15
S17	29	("3844273"   "4247758"   "4411274"   "4503808"   "4618861"   "4635587"   "4784155"   "4846106"   "4895165"   "5111799"). PN. OR ("5542431"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/16 12:42
S18	23	("1237983"   "3180321"   "3297020"   "3844273"   "4206766"   "4232686"   "4239018"   "4247758"   "4262632"   "4411274"). PN. OR ("4503808"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/16 14:52
S19	28	("3297020"   "3566233"   "3730171"   "3844276"   "3851641"   "4008712"   "4224949"   "4411274"   "4498481"   "4630615"   "4685471").PN. OR ("4784155").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/16 14:58
S20	4	("4574734"   "5128548"   "5717202").PN. OR ("6339999").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/16 15:05
S21	21	("3076431"   "4247758"   "4411274"   "4635587"). PN. OR ("4895165"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:14
S22	25	("3076431"   "3158133"   "3469439"   "3942475"   "4307169").PN. OR ("4696258").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:16
S23	34	("3076431"   "3158134"   "3205857"   "3297020"   "3533095"   "3844273"   "3948249"   "4055839"   "4206766"   "4239018"   "4247758"   "4411274"   "4455610").PN. OR ("4635587").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:17
S24	15	("3076431"   "3158133"   "3205857").PN. OR ("3942475").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:20

S25	11	("4206766"   "4455610"   "4503808"   "4635587"   "4685421"   "4696258"   "4846106"   "4895165"   "5111799"   "5542431"   "5566679").PN. OR ("7083575").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:21
S26	19	("3076431"   "3158134"   "3844273"   "3942475"   "4239018"   "4635587"   "4846106"   "4895165"   "5111799"   "5542431"   "5566679"   "5839390"). PN. OR ("6342041"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:21
S27	16	("4618861"   "4635587"   "4854328"   "4895165"   "4936316"   "5111799"   "5511560"   "5542431"   "5566679"   "5786758"   "5796334"   "5881673"   "6049280").PN. OR ("6236318").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:22
S28	35	("3076431"   "3158134"   "3205857"   "3297020"   "3824989"   "3844273"   "3948249"   "4206766"   "4239017"   "4247758"   "4411274"   "4455610"   "4635587"   "4696258"   "4846106"   "4895165"). PN. OR ("5111799"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:23
S29	29	("3844273").URPN.	USPAT	OR	OFF	2009/09/17 15:25
S30	20	("3076431"   "3158133"   "3824989"   "3842802"). PN. OR ("4206766"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:26
S31	23	("3076431"   "3158134"   "3942475"   "4206766"   "4239018"   "4635587"   "4696258"   "5111799"). PN. OR ("5566679"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:27
S32	11	("3158133").URPN.	USPAT	OR	OFF	2009/09/17 15:28
S33	19	("1860277"   "3076431"   "3158133"   "3163163"   "3205857").PN. OR ("4239018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:28

S34	8	("3158134"   "3942475"). PN. OR ("4685421").	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:29
S35	14	URPN. ("1237983"   "2678022"   "3076431"   "3158133"   "3603291").PN. OR ("3824989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:29
S36	13	("2122580"   "2487557"   "3306005").PN. OR ("3842802").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:31
S37	12	("1237983"   "2487557"   "2605744").PN. OR ("3603291").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:31
S38	5	("2678022").URPN.	USPAT	OR	OFF	2009/09/17 15:32
S39	7	("1237983").URPN.	USPAT	OR	OFF	2009/09/17 15:32
S40	13	("2487557").URPN.	USPAT	OR	OFF	2009/09/17 15:33
S41	33	("3076431"   "3158133"   "3158134"   "3603291"   "3842802"   "3844273"   "3942475"   "4206766"   "4224949"   "4239018"   "4247758"   "4411274"   "4455610"   "4503808"   "4635587"   "4685421"   "4696258"   "4784155"   "4846106"   "4895165"   "5111799"   "5542431"   "5566679"   "5839390"   "5881673"   "6342041"   "6467430"   "6550652"   "6708648").PN. OR ("7137359").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:34
<b>S</b> 42	29	("3704352"   "3844273"   "4172216"   "4247758"   "4317011"   "4411274"   "4455610"   "4503808"   "4524256"   "4551713"   "4635587"   "4643193"   "4784155"   "4846106"   "4895165"   "5111799"   "5216599"   "5542431"). PN. OR ("5881673"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/17 15:35

S43	30	("1237983"   "2487557"   "2678022"   "3076431"   "3158133"   "3205857"   "3603291"   "3824989"   "3842802"   "3942475"   "4206766"   "4239018"   "4563980"   "4685421"   "4696258"   "4846106"   "5542431"   "5566679"   "5839390"   "5881673"   "6342041"   "6467430"). PN. OR ("6708648"). URPN.	US-PGPUB; USPAT; USOCR	OR	WOFF	2009/09/17 15:36
S44	1	("2001/0001176").URPN.	USPAT	OR	OFF	2009/09/17 15:37
S45	60442	("119").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 15:39
S46	13	S45 and verticality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 15:39
S47	46	verticality near sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/17 15:40
S48	896	S45 and tilt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 15:42
S49	25	S45 and (tilt near sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/17 15:42

## **EAST Search History (Interference)**

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## 9/17/2009 5:43:54 PM

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